Appendix D. References.

Arizona Department of Transportation. 2015. "Transportation Data Management System." Location IDs 101906 and 101907. Arizona Department of Transportation. . 2008. Common Indoor and Outdoor Noise Levels. December 2008. Arizona Department of Transportation Environmental & Enhancement Group, Phoenix, Arizona. http://www.azdot.gov/highways/EPG/EPG_common/PDF/ Noise/Noise_facts2.PDF. Arizona Department of Water Resources (ADWR). 2009. Arizona Water Atlas, Volume 4: Upper Colorado River Planning Area. Banash, K.J., E. Assan, C. Bosompem. 2015. Predicting Levels of Noise from Quarry Operations. 24th International Mining Congress and Exhibition of Turkey, Antalya, Turkey. April 14-17, 2015. Barber, J.R., K.R. Crooks, and K.M. Fristrup. 2010. "The Costs of Chronic Noise Exposure for Terrestrial Organisms." Trends in Ecology and Evolution 25 (3): 180–89. Bauer, E.R. and D.R. Babich. 2007. Noise Assessment of Stone/Aggregate Mines: Six Case Studies. Min Eng 2007 Aug; 59(8):55-63. Bureau of Land Management (BLM). 1985. Manual 9113 - Roads. Accessed at http://www.oilandgasbmps.org/docs/GEN96-9113.pdf. _____. 1998. Use and Occupancy Under the Mining Laws. 43 CFR Subpart 3715. Accessed at https://www.ecfr.gov/cgi-bin/textidx?SID=2b59db720c0be67ebb17751e1be97053&node=43:2.1.1.3.69&rgn=div5#sp43.2 .3710.3715. ____. 2008. National Environmental Policy Act Handbook (H-1790-1). U.S. Department of the Interior. January. _____. 2010. ROD – ARMP: Bradshaw-Harquahala. Bureau of Land Management, Hassayampa Field Office, Phoenix, Arizona. 2011. Visual Resource Inventory, Hassayampa Field Office, Arizona. Report prepared by Otak, Inc., dated March 2011. . 2012. BLM Handbook H-3809- Surface Management Handbook. BLM Handbook, Release 3-336, September 17, 2012, 339 p. Accessed at http://www.blm.gov/style/medialib/blm/wo/ _____. Information_Resources_Management/policy/blm_handbook.Par.9375.File.dat/38 09%20Handbook.pdf. . 2016. Surface Management. 43 CFR Subpart 3809. Accessed at http://www.blm.gov/wo/st/en/prog/planning/nepa/webguide/cfr/43_cfr_3809.html.

- 2017. BLM Letter to Kathryn Leonard at the State Historic Preservation Office. Dated August 24, 2017.
 2018a. BLM Letter to Kathryn Leonard at the State Historic Preservation Office. Dated May 24, 2017. RE: Kirkland Mine and Reclamation Project, Yavapai County, SHPO 2017-1136 (140410), Revised Report Submittal, Determinations of Eligibility and Finding of Effect.
 2018b. Geochemical Assay Testing for the Possible Presence of Airborne Carcinogens at the proposed Kirkland high Quality Pozzolan Mine, Yavapai County, Arizona. Draft Report Prepared by Dr. S. Cave, Geologist, BLM Hassayampa Field Office Locatable Mineral Program, Phoenix, AZ. Dated April 2018.
 2018c. Yellow-Billed Cuckoo Survey Data provided by the Bureau of Land Management Wildlife Biologist.
- Brost, Fred. 2016. Letter dated June 3, 2016 addressed to Areta Zouvas regarding Kirkland resource calculation.
- Brown, D. E. 1982. Desert Plants: Biotic Communities of the American Southwest-United States and Mexico. The University of Arizona for Boyce Thompson Southwest Arboretum, Superior, Arizona. 342 pp.
- Brown, B.T., G.S. Mills, C. Powels, W.A. Russell, G.D. Therres, and J.J. Pottie. 1999. "The Influence of Weapons-Testing Noise on Bald Eagle Behavior." *Journal of Raptor Research* 33 (3): 227–32.
- Burch Consulting Services, LLC. 2018. Technical Memorandum to Areta Zouvas with Kirkland Mining company to Al Burch with Burch Consulting Services, LLC. Re: Geotechnical Information Kirkland Tuff Deposit, Yavapai County, AZ. April 20, 2018.
- Cherry, Dan. 2018. Yavapai County Public Works Kirkland Mine Traffic Impact Statement Approval Letter dated February 27, 2018.
- Chronic, Halka. 1983. Roadside Geology of Arizona. Mountain Press Publishing Company, Missoula, Montana.
- Data USA. 2018. Yavapai County, AZ. https://datausa.io/profile/geo/yavapai-county-az/
- Dewitt, Ed, Langenheim, Victoria, Force, Eric, Vance, R.K., Lindberg, P.A., and Driscoll, R.L., 2008, Geologic map of the Prescott National Forest and headwaters of the Verde River, Yavapai and Coconino Counties, Arizona: U.S. Geological Survey Scientific Investigations Map, no. 2996, scale 1:100,000.
- Environmental Protection Agency (EPA). 1980. Design Manual: Onsite Wastewater Treatment and Disposal System. Revised 2002.
- Environmental Planning Group, LLC (EPG). 2017. Kirkland Mine Biological Resources Survey Report. Prepared for Kirkland Mining Company, March 2017. Prepared by Environmental Planning Group, LLC., Phoenix, Arizona.

- ______. 2018. An Archaeological Survey for the Kirkland Mine in Yavapai County, Arizona. Prepared for Kirkland Mining Company, March 2018. Prepared by Environmental Planning Group, LLC., Phoenix, Arizona.
- Farmer, A.M. 1993. "The Effects of Dust on Vegetation a Review." *Environmental Pollution* 79: 63–75.
- Federal Highway Administration (FHWA). 2006. FHWA Highway Construction Noise Handbook. U.S. Department of Transportation. Federal Highway Administration. FHWA-HEP-06-015. DOT-VNTSC-FHWA-06-02. NTIS No. PB2006-109012. August.
- Fostik-Amos, W. and Thomas, M. 2017. Weaver Mountains Regional Strategic Economic Development Plan 2016-2023: A collaboration of the Weaver Mountains Economic Development Council. Prepared for the Weaver Mountains Chamber of Commerce, August 14, 2017.
- Goodwin, S. E., and W. G. Shriver. 2011. "Effects of Traffic Noise on Occupancy Patterns of Forest Birds." Conservation Biology 25 (2): 406–11. doi:10.1111/j.1523-1739.2010.01602.x.
- Grubb, T.G., and R.M. King. 1991. "Assessing Human Disturbance of Breeding Bald Eagles with Classification Tree Models." *Journal of Wildlife Management* 55: 501–12.
- Habib, L., E. M. Bayne, and S. Boutin. 2007. "Chronic Industrial Noise Affects Pairing Success and Age Structure of Ovenbirds *Seiurus Aurocapilla*." *Journal of Applied Ecology* 44: 176–184. doi:10.1111/j.1365-2664.2006.01234.x.
- Intellicast. no date. Historic Average, Kirkland, Arizona. Retrieved April 13, 2017 at http://www.intellicast.com/Local/History.aspx?location=USAZ0114.
- International Organization for Standardization (ISO) 1996. "Acoustics Attenuation of Sound during Propagation Outdoors Part 2." ISO 9613-2:1996. International Organization for Standardization: Geneva, Switzerland.
- Kaufman, Walter W. and James C. Ault. Design of Surface Mine Haulage Roads A Manual. U.S. Department of the Interior, Bureau of Mines, 1977.
- Lee Engineering, LLC. 2018. Draft Traffic Impact Statement. Report prepared for Kirkland Mining Company (Lee Engineering Project No. 1177.01) dated March 2018.
- Loss, Scott R., Tom Will, and Peter P. Marra. 2014. "Estimation of Bird-Vehicle Collision Mortality on U.S. Roads." Journal of Wildlife Management. doi:10.1002/jwmg.721.
- National Oceanic and Atmospheric Administration (NOAA). 2017. NOAA Atlas 14 Point Precipitation Frequency Estimates: AZ. Query results retrieved April 12, 2017 at http://hdsc.nws.noaa.gov/hdsc/pfds/pfds_map_cont.html?bkmrk=az.
- Ninyo & Moore, 2015, Geologic site reconnaissance, Capital and Homesteak claims, Kirkland, Yavapai County, Arizona: Unpub. report for Kirkland Mining Company, Ninyo & Moore, Geotechnical and Environmental Sciences Consultants, San Diego, California, 23 p.

- Parris, K.M., and A. Schneider. 2008. "Impacts of Traffic Noise and Traffic Volume on Birds of Roadside Habitats." *Ecology and Society* 14 (1): 29.
- Plateau Resources LLC. 2018. Draft Evaluation of Skull Valley Ranch Wells as a Water Supply for the Kirkland Mine. Report prepared for Kirkland Mining Company dated March 2018.
- Sandwell-Weiss, Karl L. 2016. Geology of Kirkland Mining Company Capital Claims, Kirkland, Arizona. Prepared for Kirkland Mining Company, June 15, 2016. Prepared Coleman & Weiss Minerals, LLC, Tucson, Arizona.
- State Historic Preservation Office (SHPO). 2018. SHPO Concurrence: RE: Kirkland Mine and Reclamation Project, Yavapai County, BLM, SHPO 2017-1136 (140410), Revised Report Submittal, Determinations of Eligibility and Finding of Effect. Emailed June 4, 2018.
- US Environmental Protection Agency (USEPA). 1978. Protective Noise Levels: Condensed Version of EPA Levels Document. Office of Noise Abatement and Control. Washington D.C. EPA 550/9-79-100. November 1978.
- Walker, D. A., and K. R. Everett. 1987. "Road Dust and Its Environmental Impact on Alaskan Taiga and Tundra." *Arctic and Alpine Research* 19 (4): 479. doi:10.2307/1551414.
- Western Regional Climate Center (WRCC). no date. Skull Valley, Arizona (027965) Period of Record Monthly Climate Summary. Retrieved April 12, 2017 at http://www.wrcc.dri.edu/cgi-bin/cliMAIN.pl?az7965.
- Westland Resources, Inc. (WestLand) 2018a. Revised Draft Kirkland High Quality Pozzolan Mine Supplemental Traffic Analysis. Report prepared for the Bureau of Land Management. Dated April 20, 2018.
- ______. 2018b. Draft Kirkland High Quality Pozzolan Mining and Reclamation Plan of Operations Supplemental Special Status Species Screening Analysis. Report prepared for the Bureau of Land Management. Dated May 2, 2018.
- Yavapai County Assessor. 2018. 2018 Yavapai County Limited Property Value Report (Primary). Reported by Judd W. Simmons, Yavapai County Assessor, February 8, 2018.
- Yavapai County Flood Control District. 2015. Drainage Design Manual for Yavapai County.